Qty:

Each

4 Um:

: BRACKET ASSEMBLY

: D3183042

: N/A

: C1

: 2/5/2008

· D3183 REV C1

Monday, 1/14/2008 2:32:49 PM

User

Kim Johnston

**Process Sheet** 

**Drawing Name** 

Part Number

Material

Due Date

**Drawing Number** 

Project Number

**Drawing Revision** 

Customer

: CU-DAR001 Dart Helicopters Services

Type

Job Number

: 36736

**Estimate Number** 

P.O. Number

This Issue

: 1/14/2008

: 12454

: NC

Prsht Rev. First Issue

: 11

Previous Run

: 27604

Written By

Comment

Additional Product

S.O. No. :

Checked & Approved By : Est/Rev:Pick:A 04.02.18

New issue KJ/DS

: MACHINED PARTS

Job Number:



Seq. #:

Machine Or Operation:

Description: 17-4 SS Bar

1.0



Comment: Qty.:

0.4812 f(s)/Unit

Total:

1.9249 f(s)

Material: 17-4 SS Bar per AMS 5604/5643

(M17-4-B1.500x02.000) Identify for D3183-043

Batch: **17/94** 

BAND SAW



Comment: BAND SAW

Cut blanks: (1.500" x 2.000") 4.300" long

HAAS CNC VERTICAL MACHINING #1

3.0

2.0

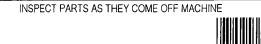
Comment: HAAS CNC VERTICAL MACHINING #1

1-Machine D3183-2 as per Folio FA320 and Dwg D3183 Identify as D3183-2

2-Deburr

3-Scribe batch number

4.0



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

Page 1

Dart Ae	rospace Lt	td									
W/O:			W	ORK ORDER CH	IANGES						
DATE STEP		PR	OCEDURE CHA	NGE		By Date Qty c			Approval Chief Eng / Prod Mgr	Chief Eng /	
Part No	):	PAR #:	Fault Cate	gory:	NC	R: Yes (	No DQ	A: <u></u>	_ Date: 💆	8/03/06	
						QA: N	C Close	d:	_ Date: _		
NCR:			WORK ORD	ER NON-CONF	ORMANCE	(NCR	)				
		Description of NC	Corrective Action Section B				Verification		Approval	Approval	
DATE	STEP	Section A	Initial Chief Eng	Action Descri Chief Eng	ption 	Sign & Date		on C	Chief Eng	QC Inspector	
<del> </del>		<u> </u>									
	1		l l								

NOTE: Date & initial all entries

Monday, 1/14/2008 2:32:49 PM Date: User: Kim Johnston **Process Sheet** Drawing Name: BRACKET ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Job Number: 36736 Part Number: D3183042 Job Number: Seq. #: Description: Machine Or Operation: SECOND CHECK 5.0 QC8 Comment: SECOND CHECK D312121 Comment: Qty.: 8.0000 Each(s) 2.0000 Each(s)/Unit Total: Pick: Description Batch **Qty Part Number** 2 D3121-21 7.0 D3183045 Bearing Assembly Comment: Qty.: 2.0000 Each(s)/Unit 8.0000 Each(s) Total: Pick: **Qty Part Number** Description Batch B36638 2 D3183-045 Bearing Ass SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 8.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Assemble D3183-041 as per Dwg D3183. QC5 INSPECT WORK TO CURRENT STEP 9.0 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 10.0 PACKAGING 1 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: 233/ 11.0 QC21 Comment: FINAL INSPECTION/W/O RELEASE mi 2008/3/05 Job Completion

Dart Ae	rospace ∟	ta							
W/O:			WC	RK ORDER CHANGE	S				
DATE	STEP	PR	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				·					
Part No		PAR #:	Fault Cateç	Jory:				Date:	
NCR:			WORK ORDE	ER NON-CONFORMA			-	Date	
DATE	OTED	Description of NC	<del></del>	Corrective Action Section		Verifica	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Sectio		Chief Eng	QC Inspector
				·					
		,							

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	36736
Description: Bracket	Part Number:	D3183-2
Inspection Dwg: D3183 Rev: C1		Page 1 of 1

# FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing	Tolerance	Actual	Accept	Reject	Method of	Comments
Dimension	nsion   Dime		Accept	Reject	Inspection	
0.162	+/-0.010	.162				
R0.25	+/-0.030	.250				
3.105	+/-0.010	3.108				
2.075	+/-0.010	2,075				
0.786	+/-0.010	.786				
0.162	+/-0.010	,160				
100°	+/-0.05°	1000				
2.799	+/-0.010	2.800				
Ø0.392	+0.002/-0.000	.393		10. 100		
1.90	+/-0.030	1.890				
0.218	+/-0.010	.215				
0.500	+/-0.010	,501				
3.881	+/-0.010	3.881				
4.17	+/-0.030	4.172				
Ø0.201 x 100 deep	+/-0.010	101.x00E				
0.182	+/-0.010	.184		, , , , , , , , , , , , , , , , , , ,		
0.070	+/-0.010	.071				
0.100	+/-0.010	.110				
4.8°	+/-0.05°	4.8°				
0.381	+/-0.010	<sub>2</sub> 380		:		
0.200	+/-0.010	.200				
0.435	+/-0.010	6431				
0.615	+/-0.010	.610				
0.032	+/-0.010	، 030				

Measured by:	Audited by:	Prototype Approval:	N/A
Date: 08/02/39	Date: 08/02/29	Date:	N/A

Rev	Date	Change			Revised by	Approved
Α	06.09.19	New Issue	(P/O D3183-042)	•,	KJ/JLM A	Ord!
						7~/



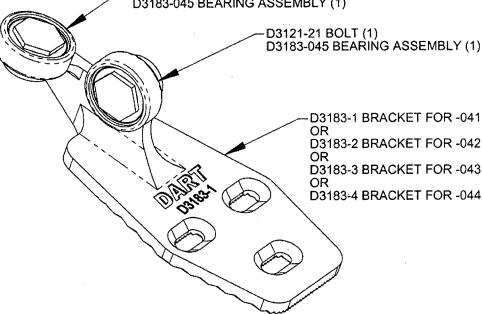


DESIGN	#	DRAWN BY		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
CHECK	\$	APPROVED	DRAWING NO. D3183	REV. C				
DATE		11	TITLE	SCALE				
	04.02.17		BRACKET ASSEMBLY	1:1				
Α.	0	3.01.24	NEW ISSUE					
В	0	3.06.17	REMOVE BEARING; 1.012 WS 0.8	82				
С	.,0	4.02.17	ADD -045/-9; 0.182 WAS 0.431					

04.11.09 0.830 WAS 0.850

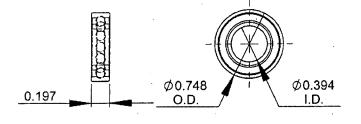
ELEASE

<u>C1</u> # 2 の D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



D3183-1 BRACKET FOR -041 (SHOWN) D3183-2 BRACKET FOR -042 (OPPOSITE) D3183-3 BRACKET FOR -043 (SIMILAR) D3183-4 BRACKET FOR -044 (SIMILAR)

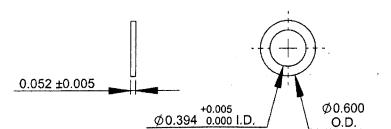
D3183-041 BRACKET ASSEMBLY (SHOWN)
D3183-042 BRACKET ASSEMBLY (OPPOSITE) D3183-043 BRACKET ASSEMBLY (SIMILAR) D3183-044 BRACKET ASSEMBLY (SIMILAR)



## **D3183-5 BEARING:** SPECIFICATION CONTROL DRAWING

- SHOPCOP 1) SINGLE ROW, DEEP GROOVE, RETURN TO CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZRING
- 3) ALL DIMENSIONS ARE IN INCHESTROLLED COPY

SUBJECT TO AMENDMEN WITHOUT NOTICE WORK ORDER

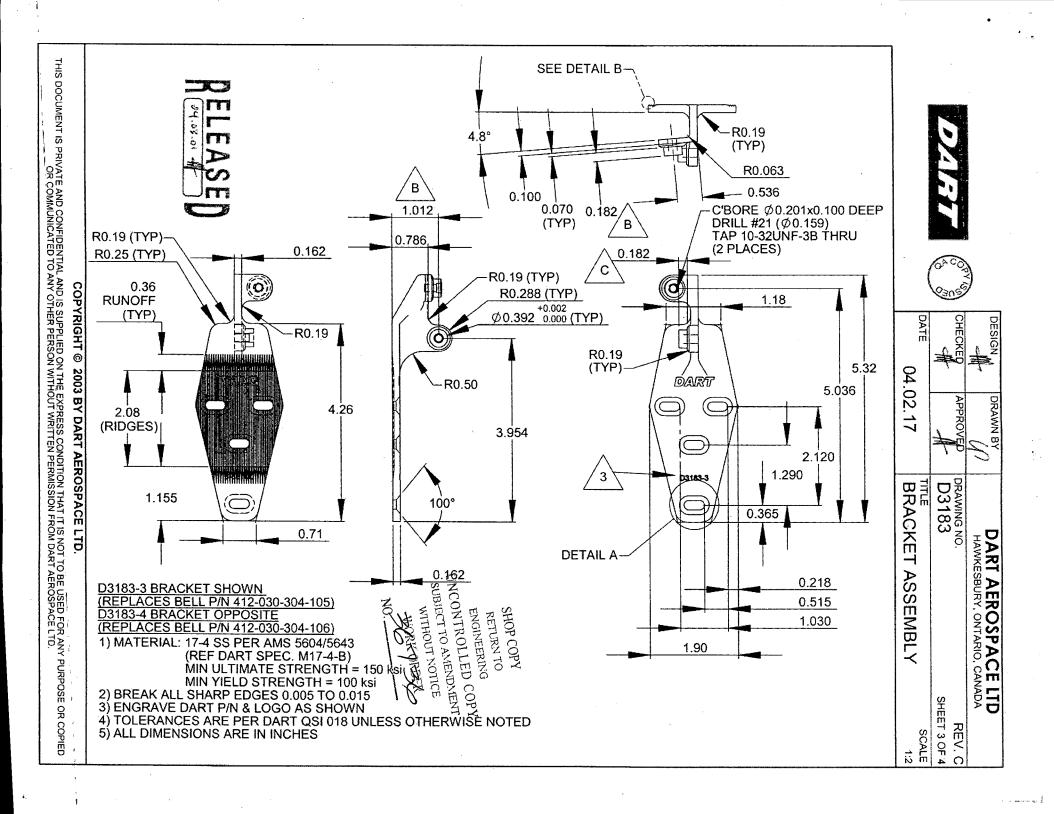


# **D3183-7 WASHER**

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) **ANNEALED**
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 **UNLESS OTHERWISE NOTED**
- 4) ALL DIMENSIONS ARE IN INCHES

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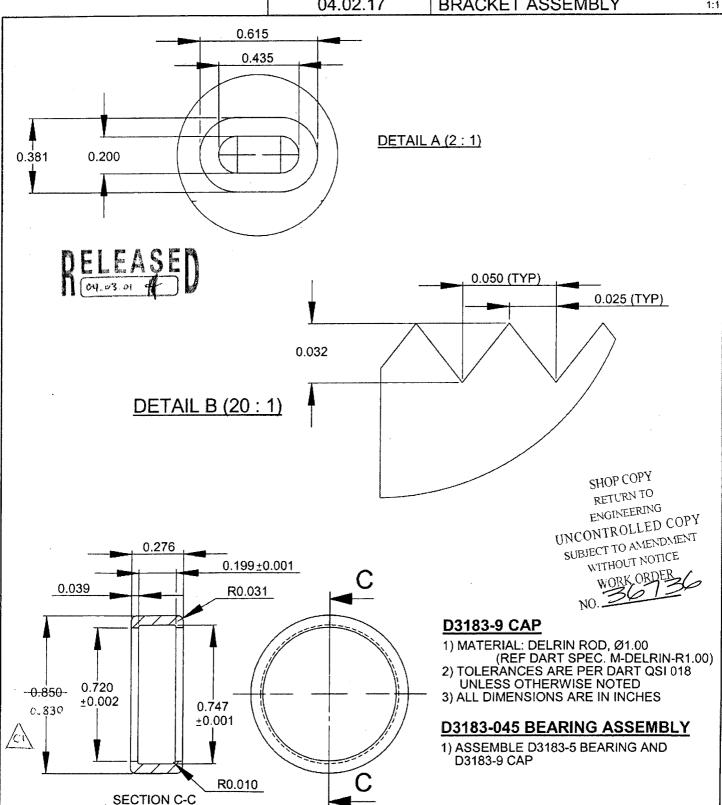




**SCALE 2:1** 



DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHECKED	APPROVED	DRAWING NO.	REV. C		
4		D3183	SHEET 4 OF 4		
DATE	<del>//</del>	TITLE	SCALE		
04	.02.17	BRACKET ASSEMBLY	1:1		



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